Silica sand: laboratory chemical analyses

Desensitized English results extract

Two separate laboratory reports for silica sand, recorded in 2026. Values are mass percentages (%), copied exactly as reported. Only SiO_2 and Fe_2O_3 were reported on these two records.

These are not a before-and-after pair for the same sample. They have different record dates and must not be treated as a before-and-after result for the same feed, or used to compare the two processes as if they used the same sample.

Report labelled “silica sand (wet processing)” / “BY WET PROCESSING”

Granular. About 190 g submitted. Method JC/T 753-2022.

Analyte	Result (%)
SiO_2	99.45
Fe_2O_3	0.013

Report labelled “silica sand after iron removal (second pass)” / “by dry processing”

Granular. About 200 g submitted. Method JC/T 753-2022.

Analyte	Result (%)
SiO_2	98.86
Fe_2O_3	0.019

How to read these results

The original reports do not specify the equipment or further process conditions beyond the wet-processing and dry-processing labels quoted above.

This is an English transcription of the results tables. Identifying details (names, places, report numbers, letterhead, stamps and signatures) have been omitted. It is not the original issued report or a laboratory-certified translation.

No removal percentage is stated or calculated. Results apply only to the tested submitted samples, are for reference only, and are not a guarantee of industrial-plant performance.